

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

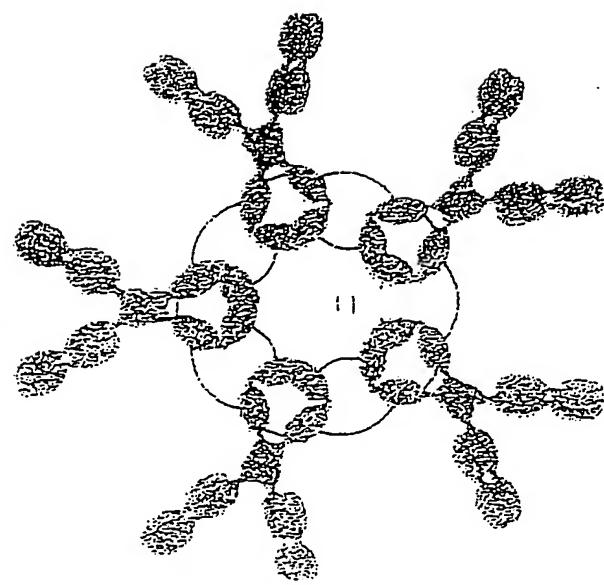
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FIG. 1A



IgM 950Kd

FIG. 1B

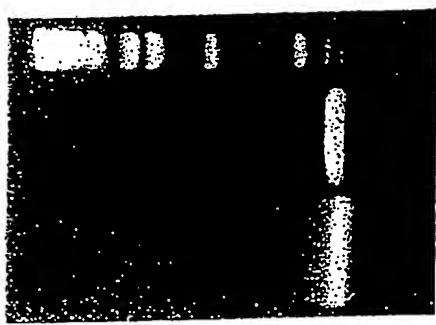
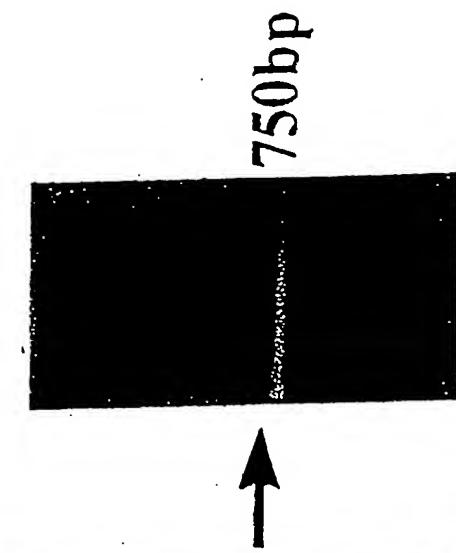
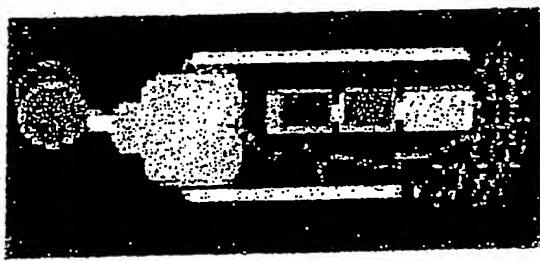


FIG. 1C



750bp



scFv 25Kd

V_L

V_H

FIG. 1D

FIG. 1E

FIG. 2

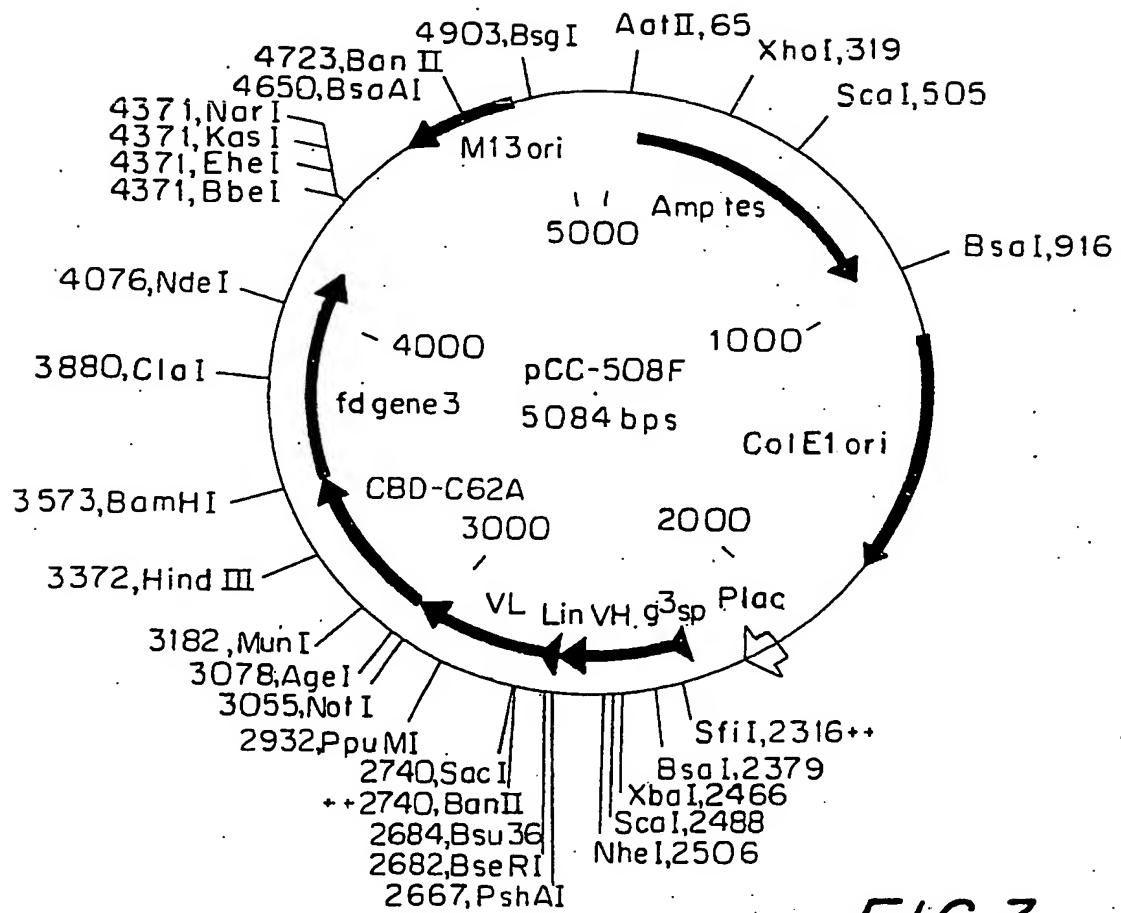
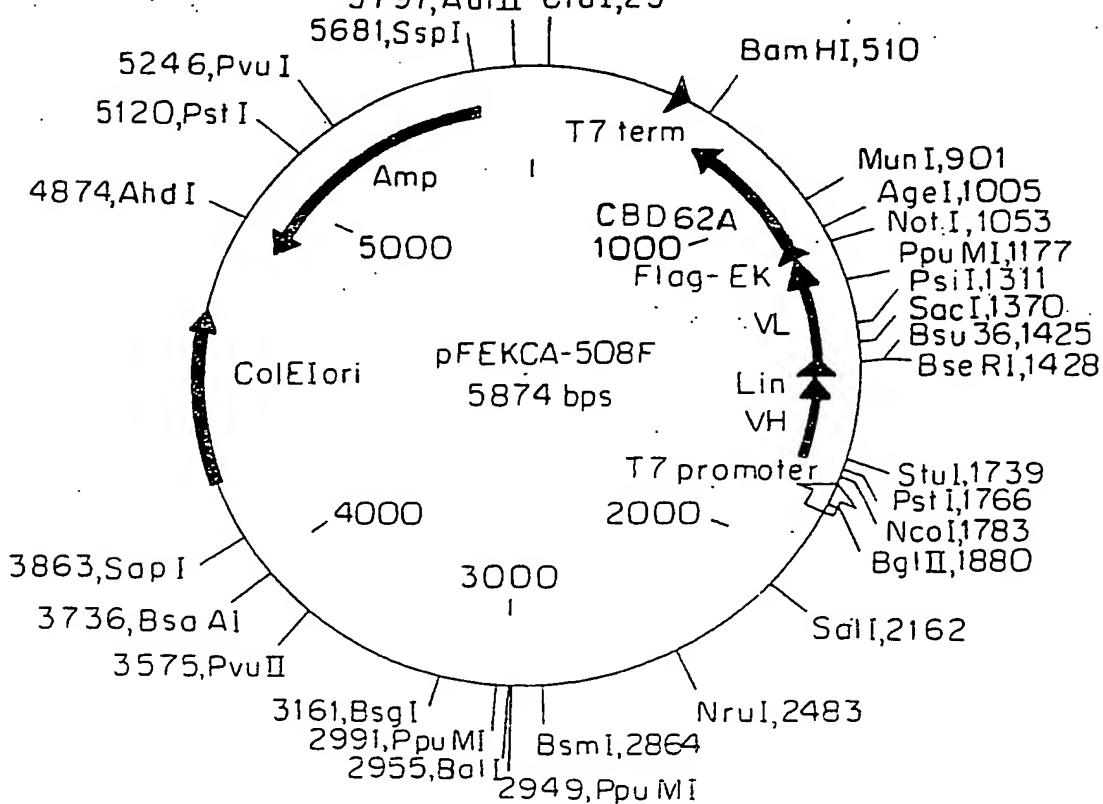
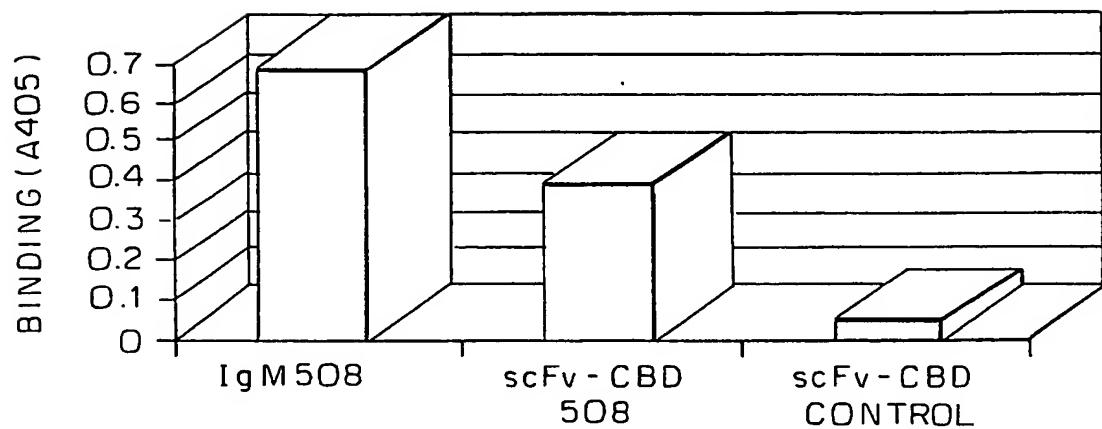


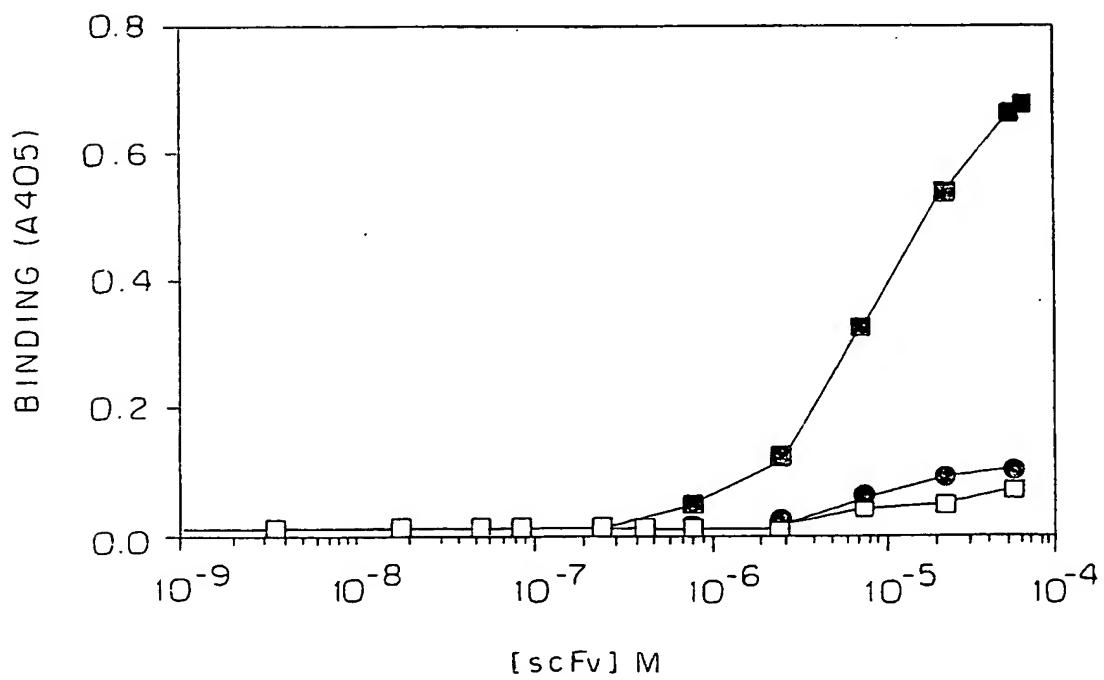
FIG. 3



F I G . 4



F I G . 7



1 2 3

750 →

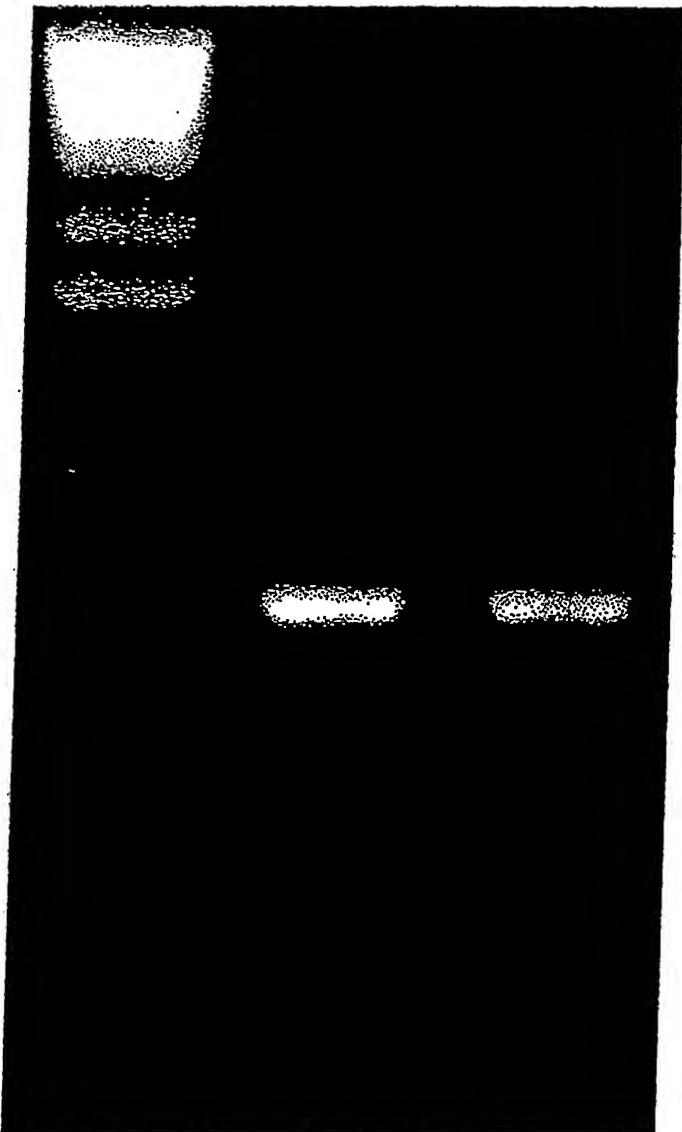


FIG. 5

FIG. 6

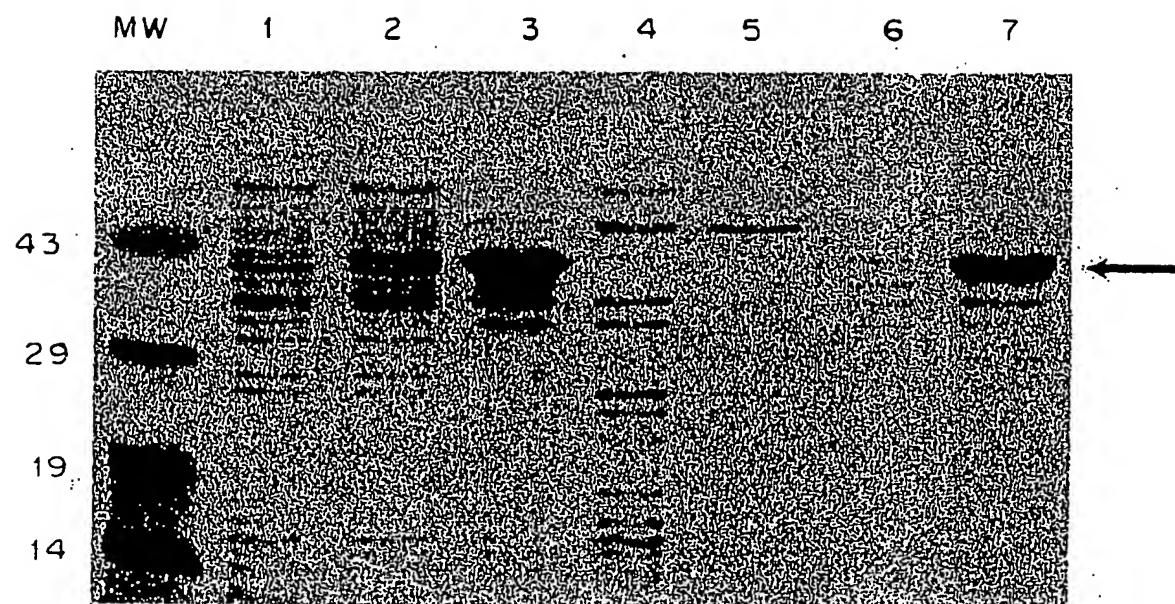




FIG. 8A



FIG. 8B

FIG. 9a

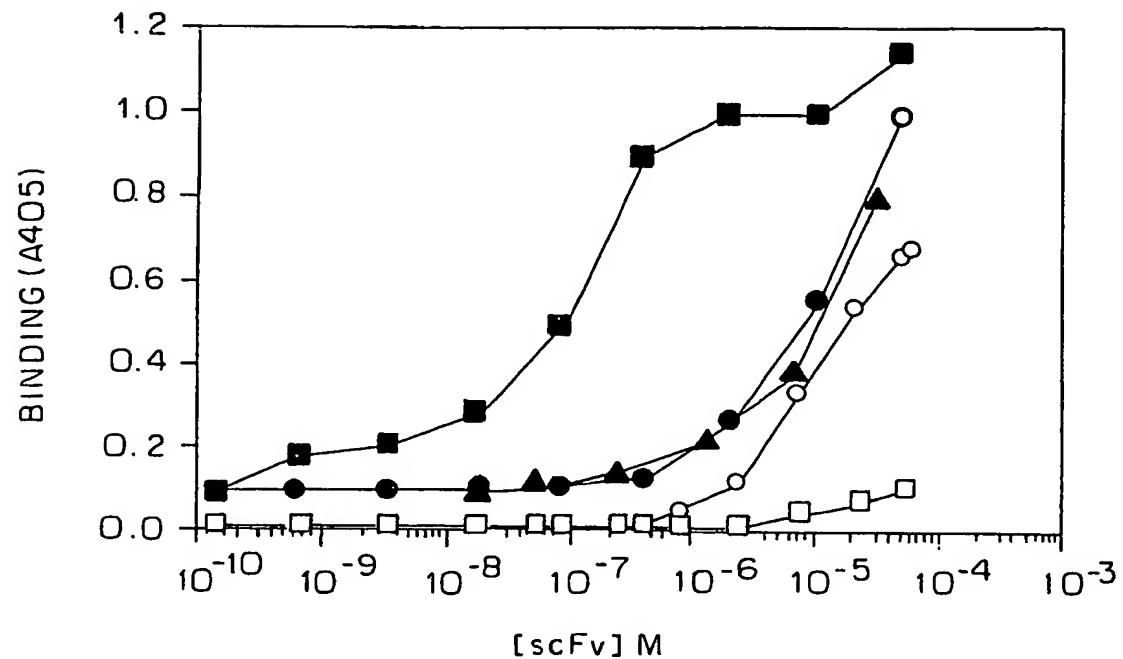


FIG. 9b

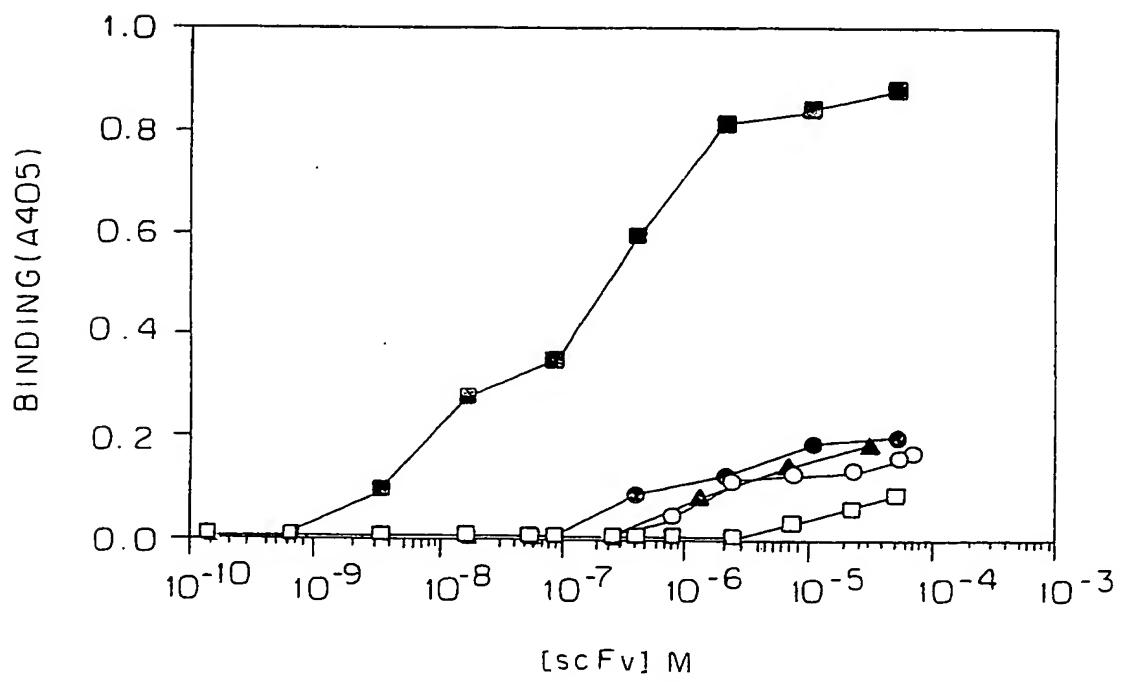


FIG. 10

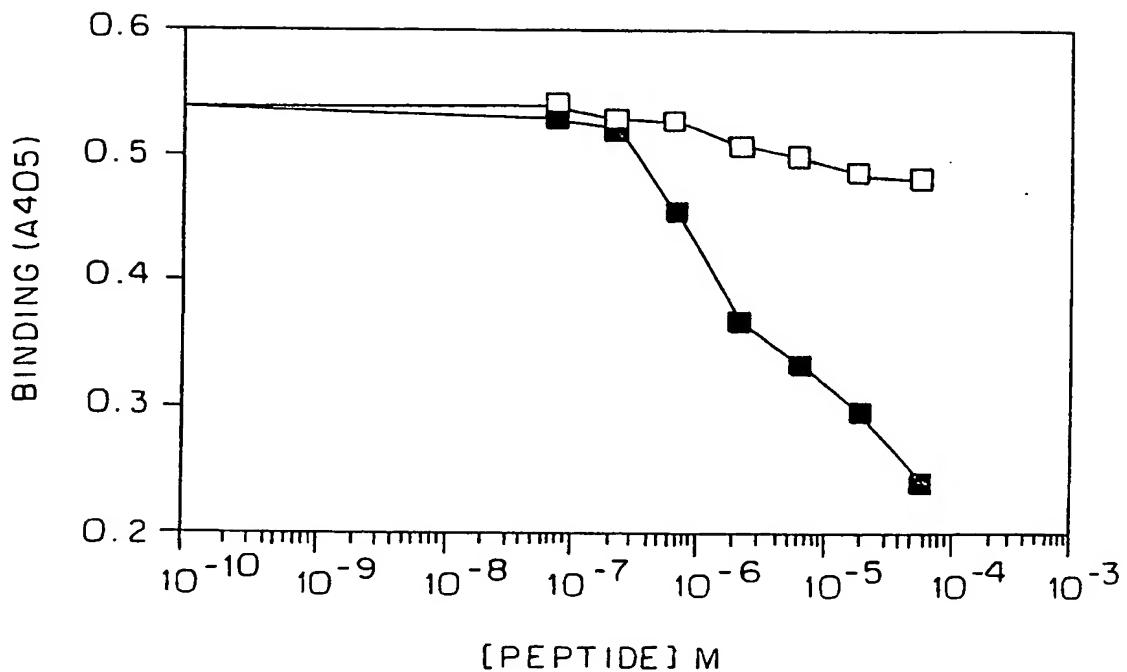


FIG. 11a

CAG GTC AAA CTG CAG GAG TCA GGG GCT GAG CRG GTG AGG CCT GGG GTC TCA GTG AAG ATT
gln val lys leu glu ser gly ala glu leu val arg pro gly val ser val lys ile
TCC TGC AAG GGT TCT GGC TAC ACA TTC ACT GAT TAT GCT ATG CAC TGG GTG AAG CAG AGT
ser cys lys gly ser gly tyr thr phe thr asp tyr ala met his trp val lys gln ser
CDR 1

CAT GCA AAG AGT CTA GAG TGG ATT GGA GTT ATT AGT ACT TAC TAT GGT GAT GCT AGC TAC
his ala lys ser leu glu trp ile gly vai ile ser thr tyr qly asp ala ser tyr
CDR 2

AAC CAG AAG TTC AAC GGC AAG GCC ACA ATG ACT GTC GAC AAA TCC TCC AGC ACA GCC TAT
asn qln lys phe lys ala thr met thr val asp lys ser ser thr ala tyr
CDR 2

ATG GAA CTT GCC AGA CTG ACA TCT GAG GAT TCT GCC ATC TAT TAC TGT GCA AGA GGG GCT
met glu leu ala arg leu thr ser glu asp ser ala ile tyr tyr cys ala arg qly ala
CDR 3

ACT ATG TCC TAC TTT GAC TAC TGG GGC CAA GTG ACC ACG GTC ACC GTC TCC TCA ggt gga
thr met ser tyr phe asp tyr trp gly gln val thr thr val thr val ser ser gly gly
CDR 3

FIG. 11b

ggc ggt tca ggc gga gtt ggc tct ggc ggt ggc gga tcg GAC ATC GAG CTC ACT CAG TCT
qly qly ser qly qly val qly ser qly qly qly ser asp ile glu leu thr gln ser
Linker

CCA GCA ATG ATG TCT GCA TCT CCA GGG GAG GTC ACC ATG ACC TGC AGT GCC AGC TCA
pro ala ile met ser ala ser pro gly glu lys val thr met thr cys ser ala ser ser
CDR 1

AGT ATA AGT TAC ATG CAC TGG TAT CAG CAG AAG CCA GGC ACC TCC CCC AAA AGA TGG ATT
ser ile ser tyr met his trp tyr gln gln lys pro gly thr ser pro lys arg trp ile
CDR 1

TAT GAC ACA TCC AAA CTG CCT TCT GGA GTC CCT GCT CGC TTC AGT GGC AGT GGG TCT GGG
tyr asp thr ser lys leu ala ser gly val pro ala arg phe ser gly ser gly ser gly
CDR 2

ACC TCT TAT TCT CTC ACA ATC AGC ATG GAG GCT GAA GAT GCT GCC ACT TAT TAC TGC
thr ser tyr ser leu thr ile ser ser met glu ala glu asp ala ala thr tyr tyr cys

CAT CAG CCG AGT AGT TAC CCA TTC ACG TRC GGA GGG GGC AAG CTG GAA ATA AAA
his qln arg ser ser tyr pro phe thr phe gly gly gly ala lys leu glu ile lys
CDR 3

FIG. 12

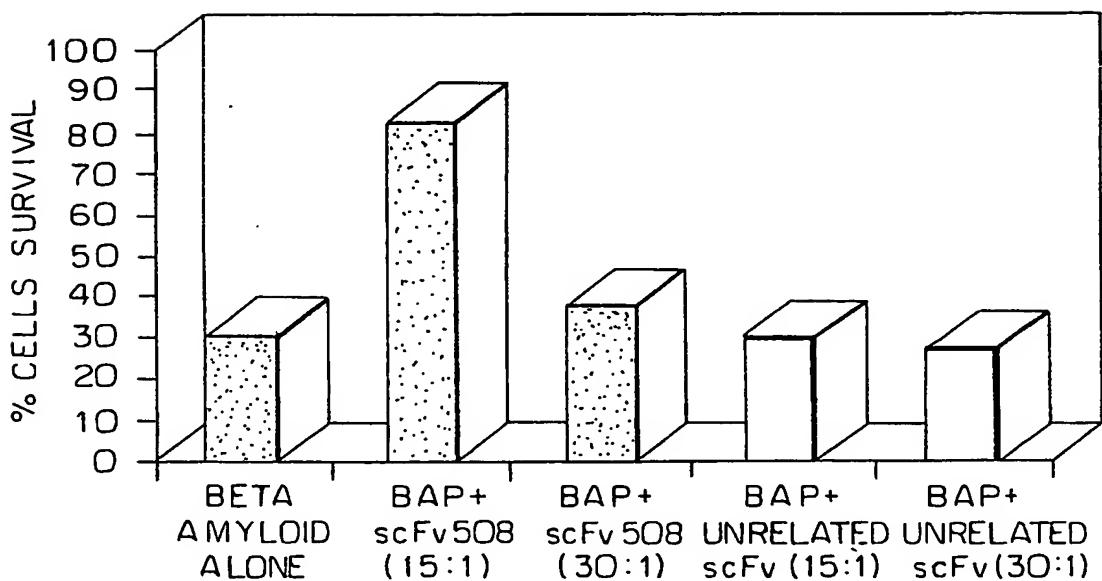


FIG. 13

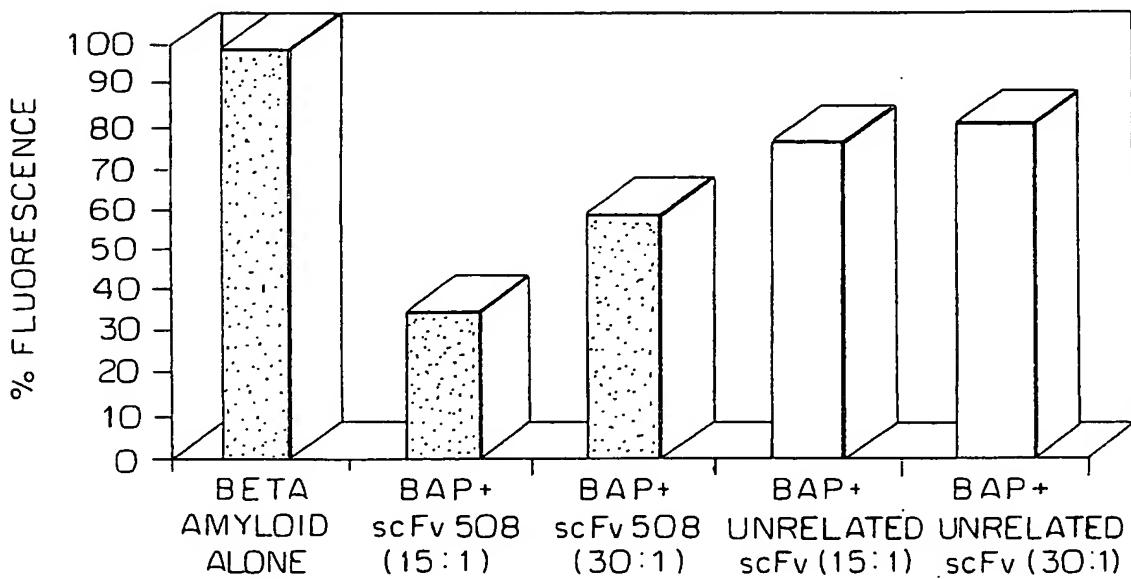


FIG. 14a

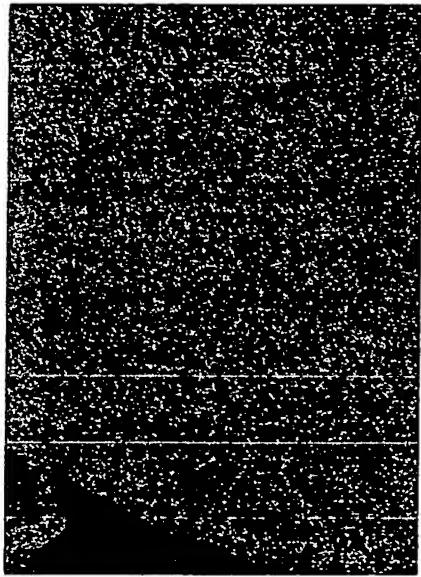


FIG. 14c



FIG. 14b

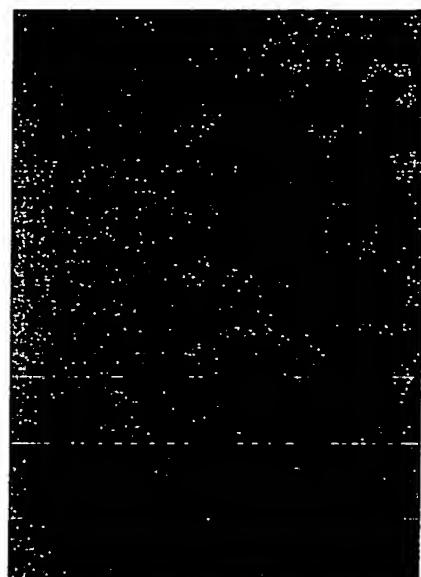


FIG. 14d



FIG. 15A



FIG. 15C



FIG. 15B

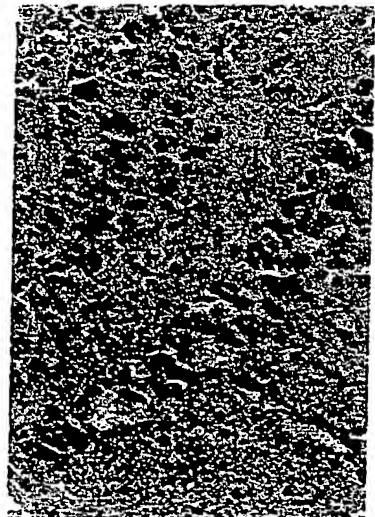


FIG. 15D

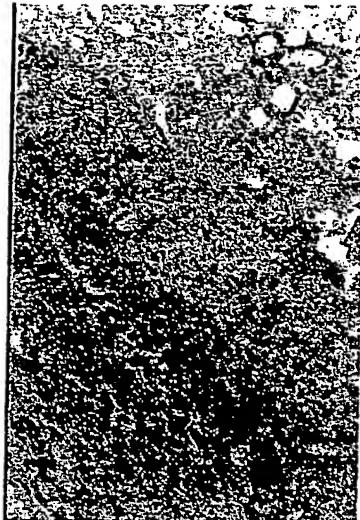


FIG. 16A

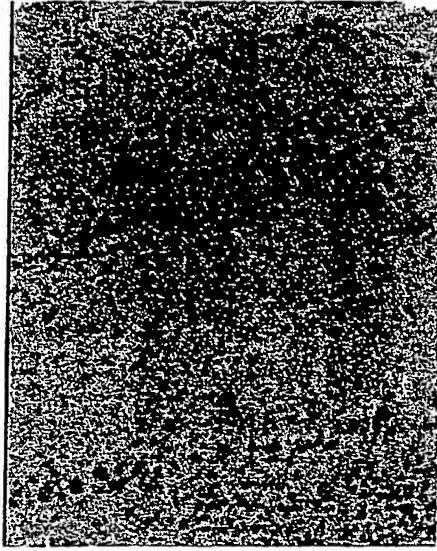


FIG. 16C

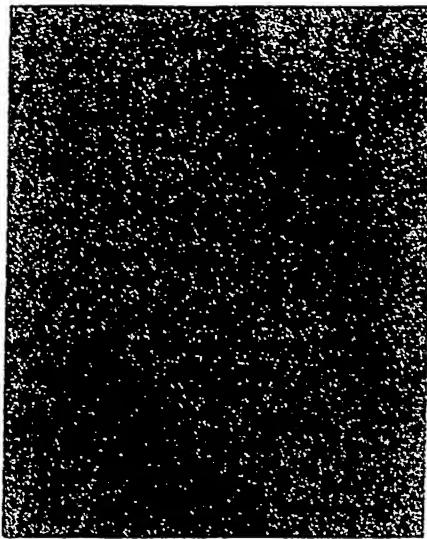


FIG. 16B

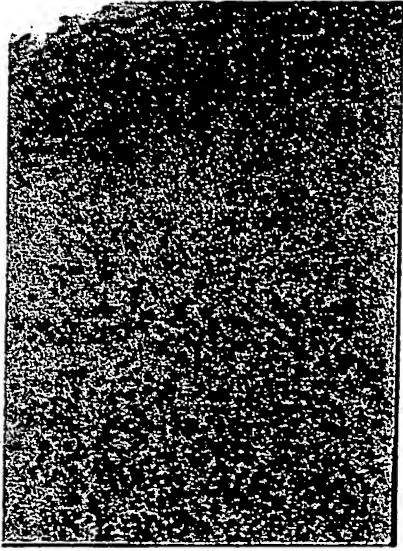


FIG. 16D

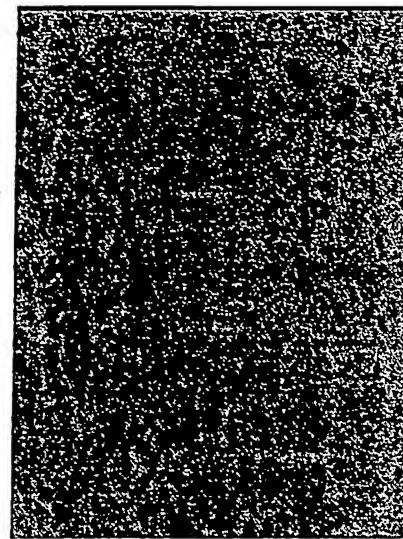


FIG. 17

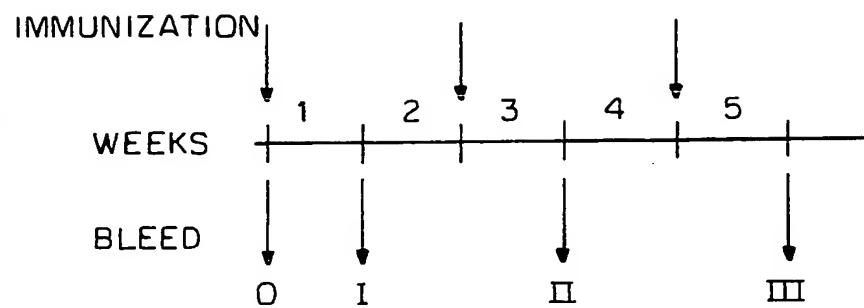


FIG. 18a

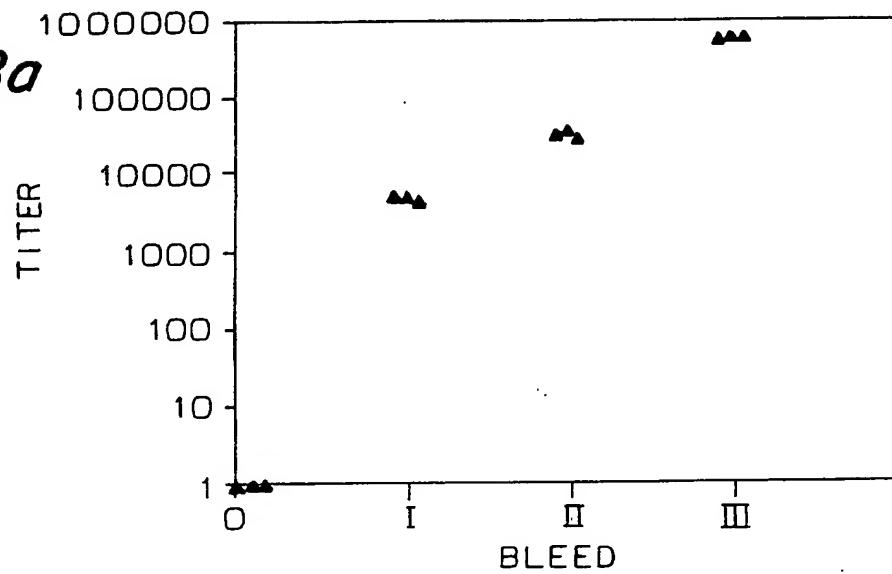


FIG. 18b

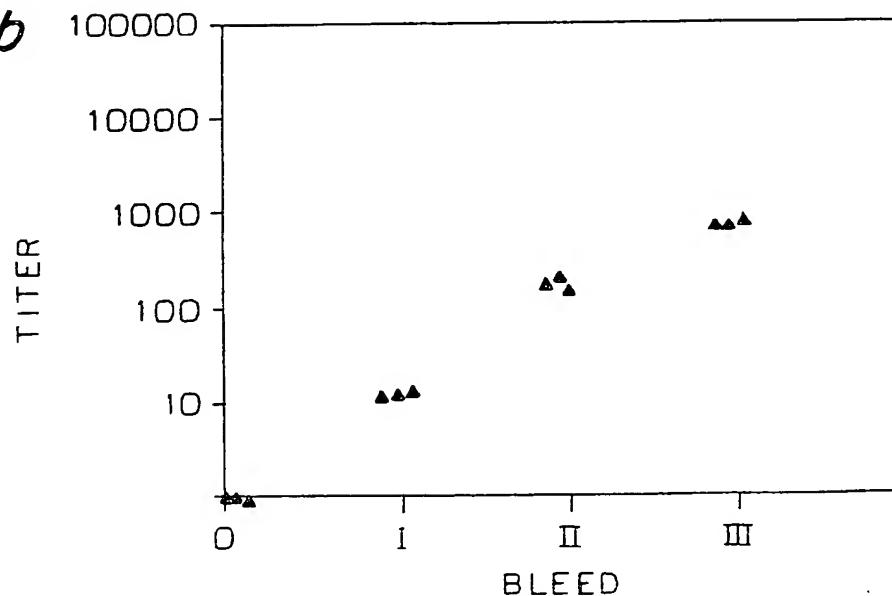


FIG. 19

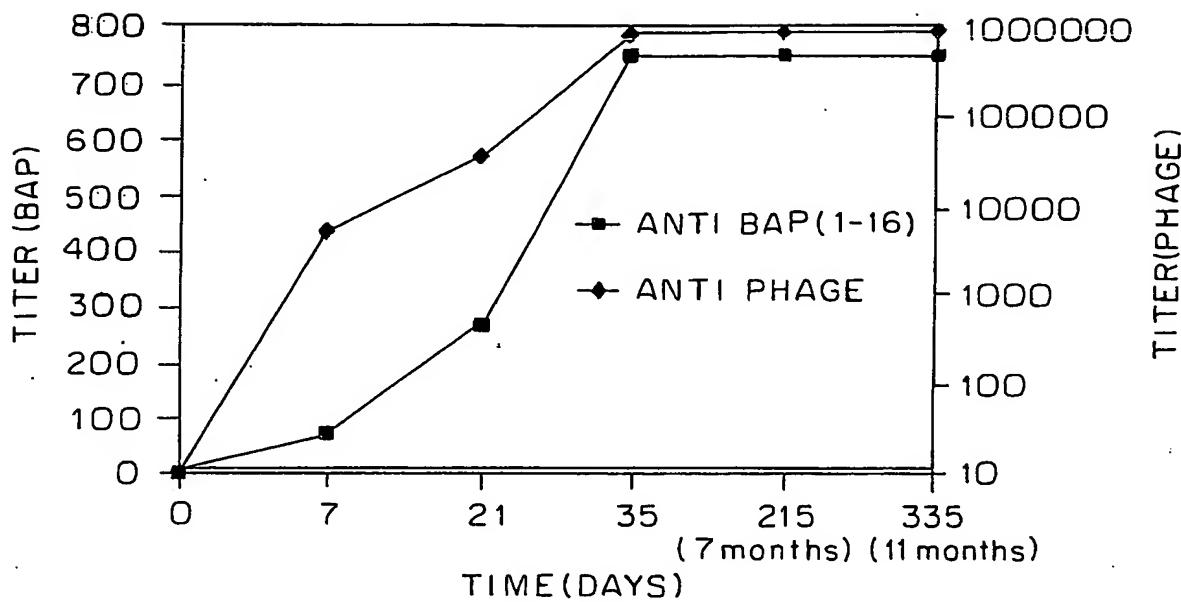


FIG. 20

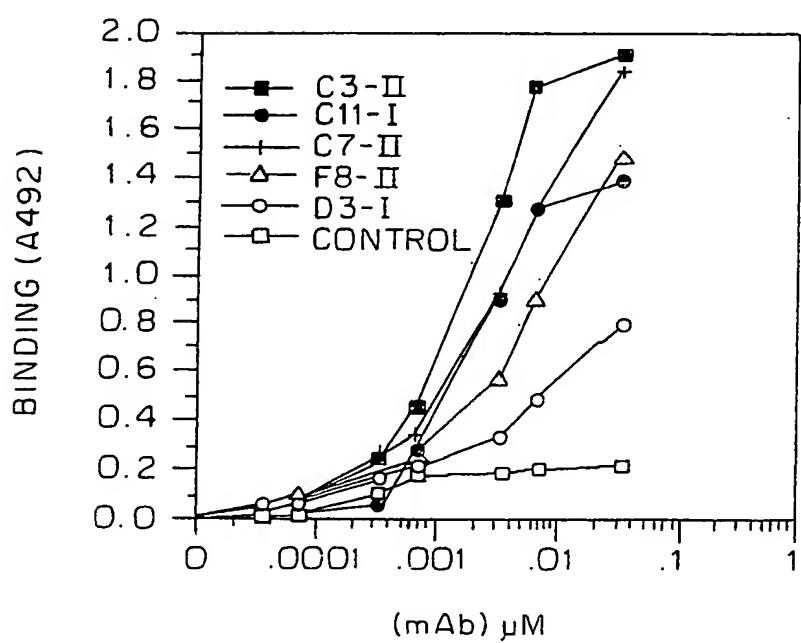


FIG. 21

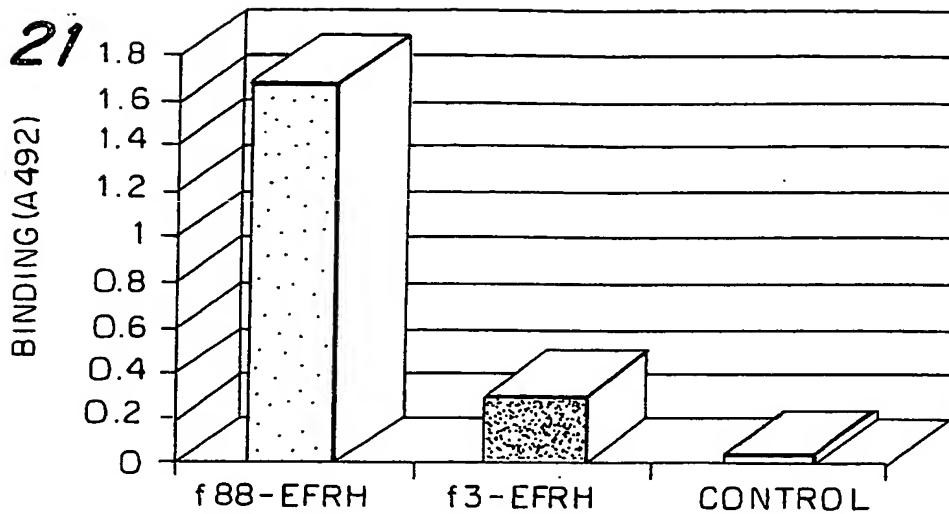


FIG. 22a

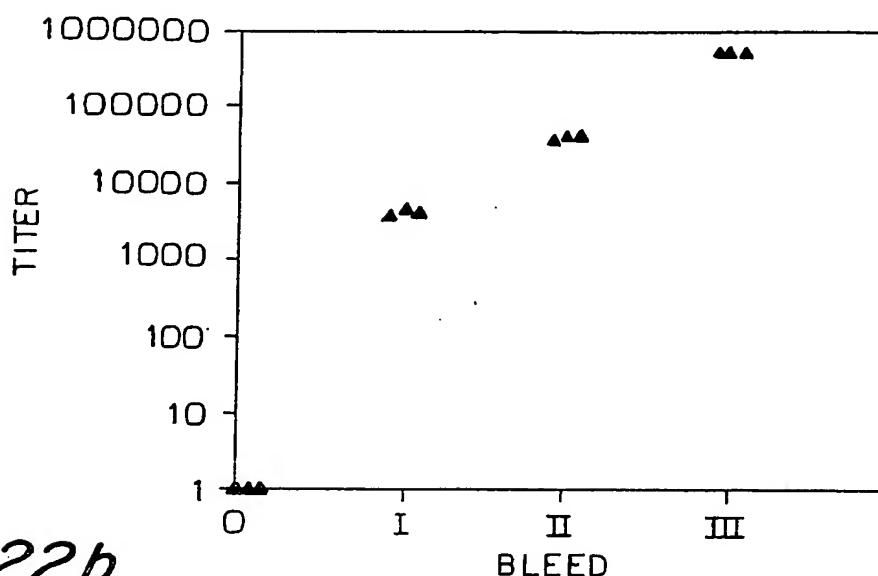


FIG. 22b

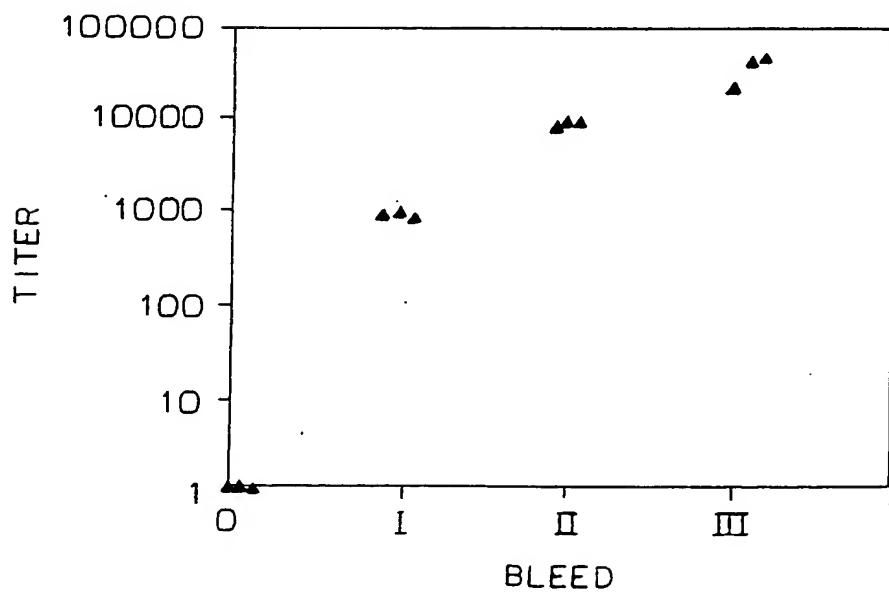


FIG. 23

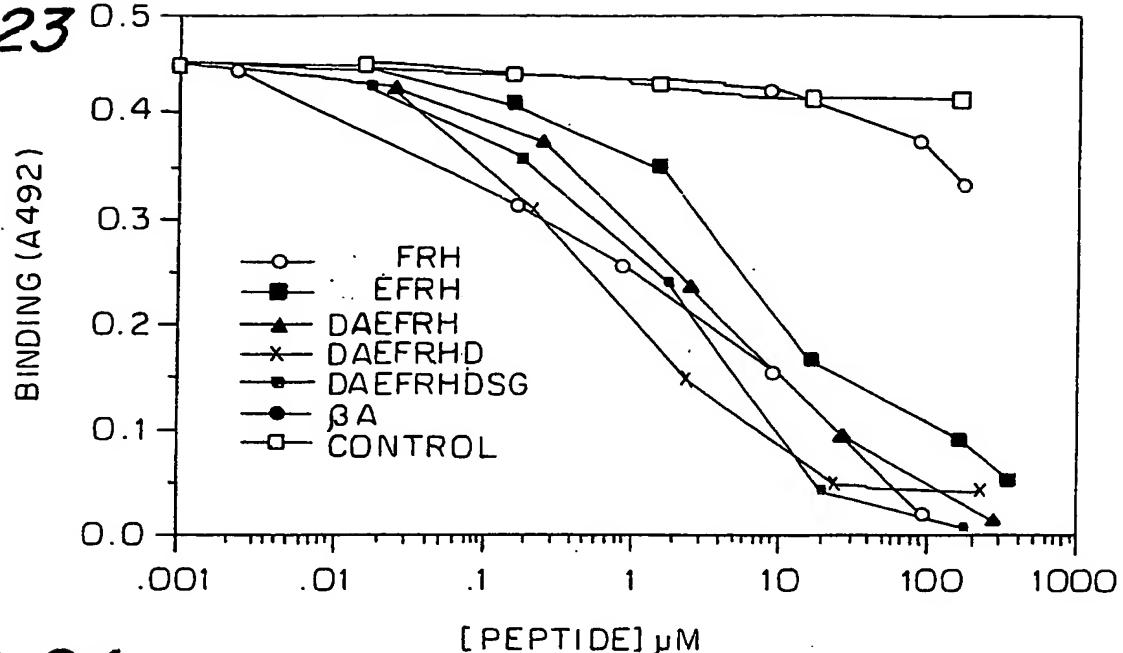


FIG. 24

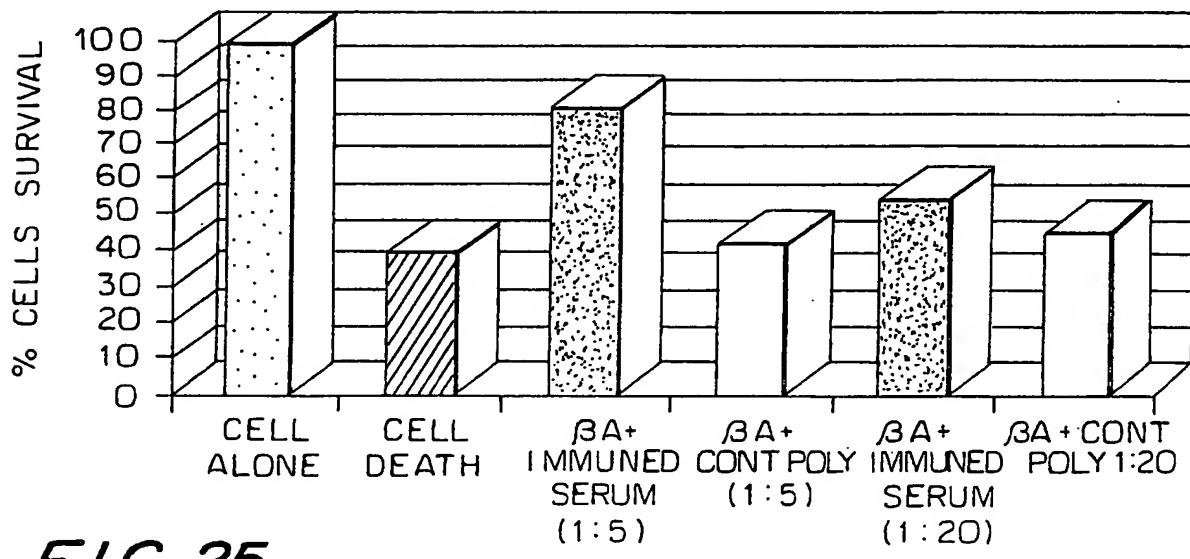


FIG. 25

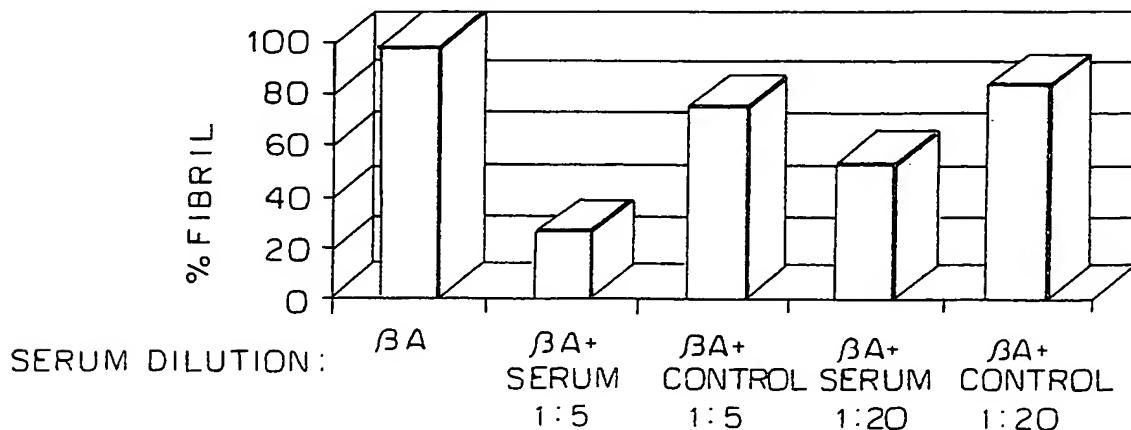


FIG. 26

HUMAN PrP 106-126: KTNMKH~~MAGAAAAGAVVGGLG~~
MOUSE PrP 105-125: KTNLKH~~VAGAAAAGAVVGGLG~~

FIG. 27

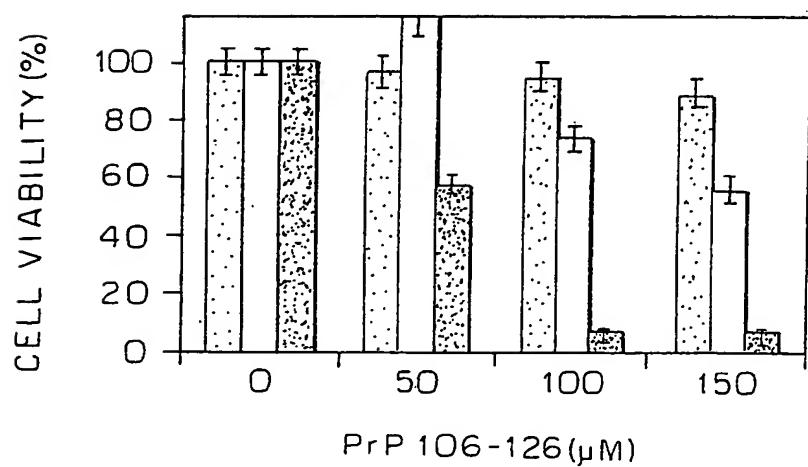


FIG. 28

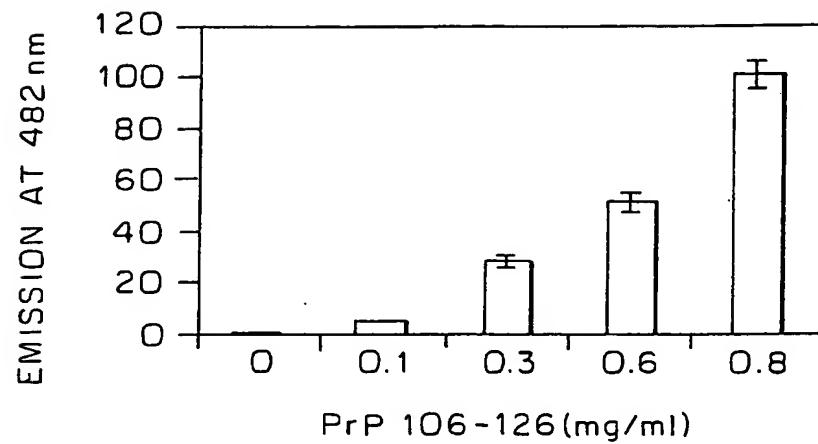


FIG. 29

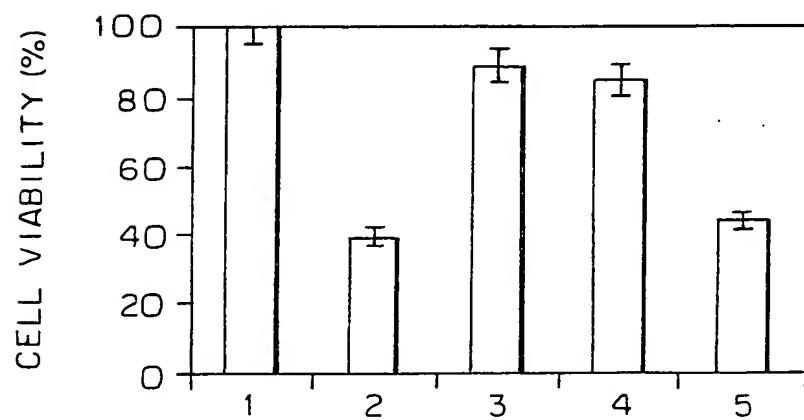


FIG. 30

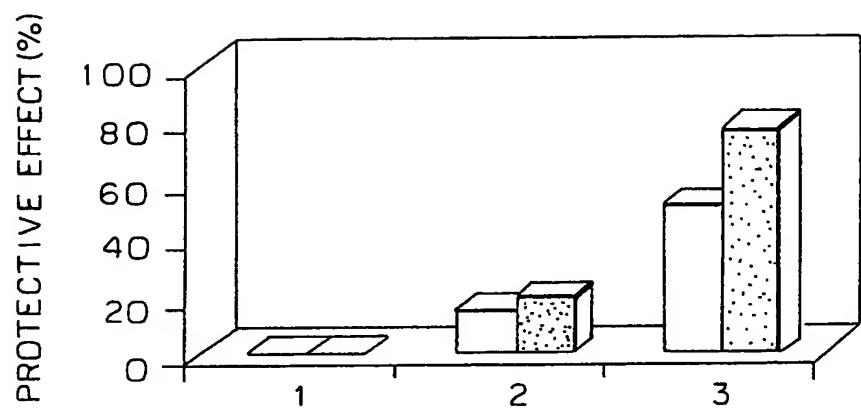


FIG. 31

